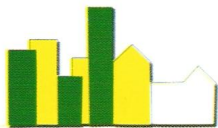




Certificate SG95/06111



THE SOLUTION

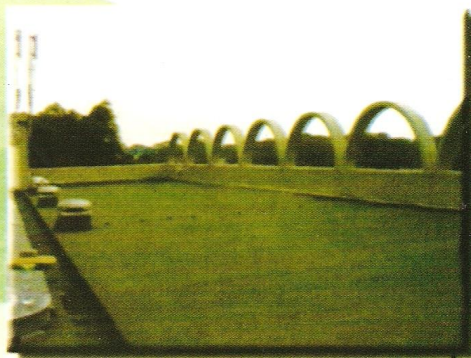
FLEXCOAT

FLEXTORCH

Mineral Green

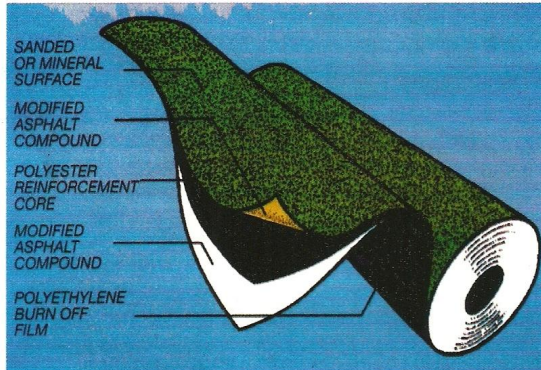
POLYESTER REINFORCED WATERPROOFING MEMBRANE

**FOR THE PROTECTION,
REPAIR & RESTORATION
OF ALL TYPES OF ROOFS,
GUTTERS AND STRUCTURES**



FLEXTORCH is a prefabricated
roofing membrane manufactured
under the most stringent
quality control specifications.

FOR EXPOSED & CONCEALED ROOFING SYSTEM



Sanded or Mineral Surface

The top layer which is exposed to the sun is treated with fine sand for the sanded-finish and with small coloured granules for the mineral-finish. These sand or granules are factory applied during production, thus assuring minimal loss throughout the life of the roof. The treated surface offers:

- Excellent protection from U.V.
- Available in green, black, brown, buff, red, and tan coloured granules.
- Eliminates need for coating or covering the top with concrete/tiles, thus reducing roof load and extra expense

Modified Asphalt

The asphalt is mixed with highly compatible modifiers to provide the membrane with better aging characteristics, and higher resistance to cold and hot temperatures. **FLEXTORCH** is flexible. When compared to regular asphalt, one can readily realize the benefits of the membrane.

Polyester Core

The core of **FLEXTORCH** is reinforced with a non woven polyester mat which stretches up to 30%. Similar glass felts offer a maximum of 2% elasticity. This feature allows the membrane to accommodate thermal shocks and excessive roof movements.

Burn Off Film

A thin burn off film is factory applied during production. This film acts as a heat gauging device. The applicator can watch the heat reaction of the film and therefore visually gauge the application temperature.

Typical application:

- Reroof and new construction roof for commercial and residential.
- Foundation waterproofing.
- Dome shaped roofs.
- Bridge & Viaducts.
- Under floor waterproofing.
- Rooftop gardens.
- Patio decks.

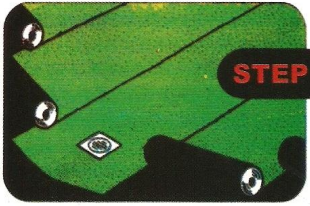
FEATURES:

- Quick, simple, easy and inexpensive application.
- Only one layer is required, thus reducing roof load and installation cost.
- Can easily be maintained and repaired.
- Can be exposed directly to sun thus eliminating need for protective coating, concrete or tiles.
- No kettle or hot asphalt required.
- No height restriction on application.

SIMPLIER AND EASIER



Step 1: Clean surface and prime with Flex Primer.



Step 2: Begin from low point of roof to high. Application should begin in the valleys and work up hill to avoid backwater laps.



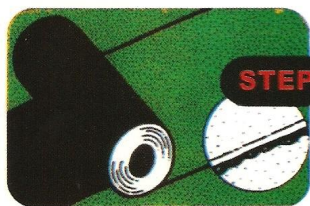
Step 3: Unroll the membrane fully and allow side laps, reroll halfway and begin torching. Allow 4" lap joints along the roll edges and 5" on roll ends and transverse joints.



Step 4: Pass the torch flame from side to side until the burn off film begins to fully melt. Move the roll at this time. DO NOT OVERHEAT.



Step 5: The sanded or granulated surface at the roll edges or end laps should be scrapped off to provide for a smooth surface.



Step 6: Recheck the seams to assure a minimal of 3mm bitumen outflow for water tight integrity.

FLEXTORCH Sanded System



FLEXTORCH

Mineral Green

ADD COLOURS AND REDUCES LOAD ON YOUR ROOF

Technical data

Reinforcing (Nonwoven Polyser)	180 gm/m ²	Standard
Softening point	143°C	ASTMD 36-76
Heat Stability	120°C	UNI 8202 / 18
Cold flexibility	-5°C	UNI 8202 / 15
Water Absorption	< 1%	ASTMD 570 :88
Water Vapour Transmission	13.30 g/m ²	ASTME 96 :94
Tensile Strength	24 hours	ASTMD 412 :92
	> 5N/mm ²	-
Elongation at break	> 46%	ASTMD 412 :92
Tear Resistance	140 N	ASTMD 36 - 76
Modified Asphalt	APP and SBS	
Surface finish	Sanded or Mineral	
Sanded Surface (Thickness)	3mm, 4mm	
Mineral Surface (Weight)	4.5kg/m ² , 5 kg/m ²	
Roll Size	1m width x 10m length	
Colours available	Green, Grey, Red, Black (on indent basis)	

Easy Application: On a smooth, dry and grease free deck or surface, apply a layer of Flex Primer. After drying, torch **FLEXTORCH** whilst rolling and pressing onto the substrate. Head overlap have to be 12 cm and edge 10 cm, the use of a trowel to seal the overlap is necessary.

Disclaimer: The use of this product is beyond the manufacturer's control and liability is restricted to the replacement of material proven faulty. The manufacturer is not responsible for any loss or damage arising from incorrect usages.
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